TOWN OF WEST HARTFORD

MEMORANDUM

TO: Todd Dumais, Town Planner

FROM: DJM Duane J. Martin, P.E., Town Engineer

RE: 178 Westmont
Inland Wetlands and Watercourses Application No. 1063

DATE: March 30, 2017

The Engineering Division reviewed the 178 Westmont Inland Wetlands and Watercourses Application No. 1063 dated February 17, 2017 and offer the following comments:

1. There is a significant amount of regrading (elevation cutting) on the site to accommodate the house, wetland mitigation areas, retaining walls, and drainage swales. Please provide a calculation of the volume of cut material that will be removed from the site.

2. The proposed retaining wall ranges in height from 4 feet to over 10 feet. Provide a detail for the proposed wall construction. Also, will measures be incorporated with the proposed retaining wall to protect from a fall?

3. Given the amount of site disturbance, a single row of silt fence may not be sufficient along the edge of the roadway. The Wetlands Assessment recommends Silt Socks, but they are not shown on the plans.

4. How will the proposed house be served with utilities (sewer, water, gas, electric, cable, and telephone)?

5. Provide a detail for the asphalt curbing and roadway trench restoration. The Town will require 9 inches of compacted processed aggregate base under 4 inches of compacted Superpave 0.375 asphalt. The trench will require one foot cutbacks beyond the limits of drainage or utility trench with sealing of the pavement joints.

6. Were soil borings performed on the site to determine the water table elevation or the presence/depth of rock below the surface given the proposed depth of cut?

7. This application proposes a significant amount of disturbance to this site, including in areas of existing wetlands. This disturbance includes the redirection of some of the site's drainage flow from the northwest corner in a counterclockwise direction to the

southeast corner. Alternative site layouts would provide far less site disturbance and alteration of the existing drainage pattern.